

INFORMATION REPORT

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COUNTRY USSR(Ukrainian SSR)

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SUBJECT Ruda Remont Factory at Bryanski

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(LISTED BELOW)

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1. The Ruda Remont Factory is 4 km northwest of the Bryanski Ukrainian SSR, railroad station, in the Bryanski railroad line.

2. A small part of the plant existed before the war. The enlargements, started in 1945, were completed and put into operation in 1947. The main administration was in Kadeevka. The larger buildings were steel structures with brickwork; all smaller buildings were simple brick structures. Power was supplied from Kadeevka. The following buildings were observed in the plant:

Electric department, 30x20 meters

Boiler house, new brick structure, 20x10x8 meters with sheet metal smokestack

Foundry, 80x30x12 meters, and polishing shop, with one electric furnace, one steel furnace, one furnace for cast iron, 8 meters high and 1½ meters in diameter

Forge, 30x15x8 meters, with medium size steam hammer and 6 furnaces

Carpenter shop, new building, 50x30x10 meters

Mechanical workshop, new construction, 80x30x10 meters, with three very large lathes, eight average lathes, four jointers, three gear milling machines and several shaping machines

New building, 80x30x10 meters with one angle cutter, one American drop shear, two large and two small Soviet press cutting machines, one large boring

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3. Six hundred civilian laborers and eight hundred PWs worked two shifts. Of the PWs, 75 percent worked as construction and transportation hands.
4. Shaking chutes, ventilator units and tipping plants were produced.
5. The foundry building was about 200x50 meters. The Soviet electric furnace had a capacity of one ton. Presumably because of the lack of technical knowledge, the Soviets were unable to assemble the parts of a German electric furnace stored here. The Soviet furnace was charged with almost one ton of scrap. Five kilograms lime-stone, ten kilograms silicon, and finally 15 kilograms manganese were added as a flux to the smelted metal and the heat was increased to 1,500°C. A sample was taken, cooled and tested under the steam hammer. The furnace was emptied when no blisters appeared. Cog wheels up to 3 meters in diameter were cast. The content of the furnace was enough for one large cog wheel.
6. The Soviet coke burning cupola furnace had a capacity of two to three tons. Varying from German type cupola furnaces this one had no cinders discharge with waggons; [REDACTED] concrete slabs around the [REDACTED] indicated that they came [REDACTED] machine parts, parts for [REDACTED] diameter of one meter, cog [REDACTED] towers up to one ton in [REDACTED] of the same size was put into operation when the other one was being provided with a new brick lining which was done once a month and took one day [REDACTED]
7. [REDACTED] bil foundry of German [REDACTED] capacity [REDACTED] in operation [REDACTED] kilogram [REDACTED] to 25 kilograms [REDACTED] Stamps on [REDACTED] indicated that the [REDACTED] came from Vol. [REDACTED] Major products [REDACTED]
8. The lathe and fitting shop was 120x50 meters, and equipped with 10 lathes, five planing benches for cog wheel processing, 1 Soviet and 3 German milling machines, and one 5-ton crane.
9. A total of 500 civilians and 500 PWs worked three shifts.
10. There was a daily output of 200 to 300 shaking chutes, 240 ventilating pipes, 2 meters long, 50 cm in diameter, 5 mm thick, three lifts, cog wheels, pumps, etc.

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11. There was a foundry with one electric furnace, a steel furnace and a large smelting furnace for cast iron. The forge had a steam hammer, a pneumatic hammer, four hammer furnaces, three Soviet 40-ton press cutters, one Soviet boring machine, two hammer furnaces, one press and two threading lathes for screws. Three coal-fueled locomotive boilers were in the boiler house. The mechanical department had one giant lathe with an elevator, two American hydraulic lathes, several conventional lathes, two vertical boring machines, two shapers, four milling machines, one large turning boring machine. Three lathes, two grinding machines, one universal milling machine, one cog wheel milling machine, two fitting benches were in the tool shop. **
12. Sawframes, pumps, armatures, parts for hauling towers, shaking chutes, and small mining tools were produced. The output was not determined.
13. The foundry had one steel furnace and one cast iron furnace, 3 meters high and 1 1/2 meters in diameter. The mechanical workshop had one large boring and turning mill and many other metal working machines. The boiler house had three locomotive boilers, 12 meters long and 2 to 3 meters in diameter.

* Comment. This is the first information on the factory which is obviously of only local importance for the nearby mines. For location see Annex 1.

** Comment. A clear picture of the installations of the main plant buildings can be determined from the corresponding statement Most of the buildings on Annex 2 are mentioned

Shape and size of these buildings will have to be confirmed by additional information.

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- 2 Annexes: 1.)
) Factory for Mining Equipment in Bryanski
 2.)

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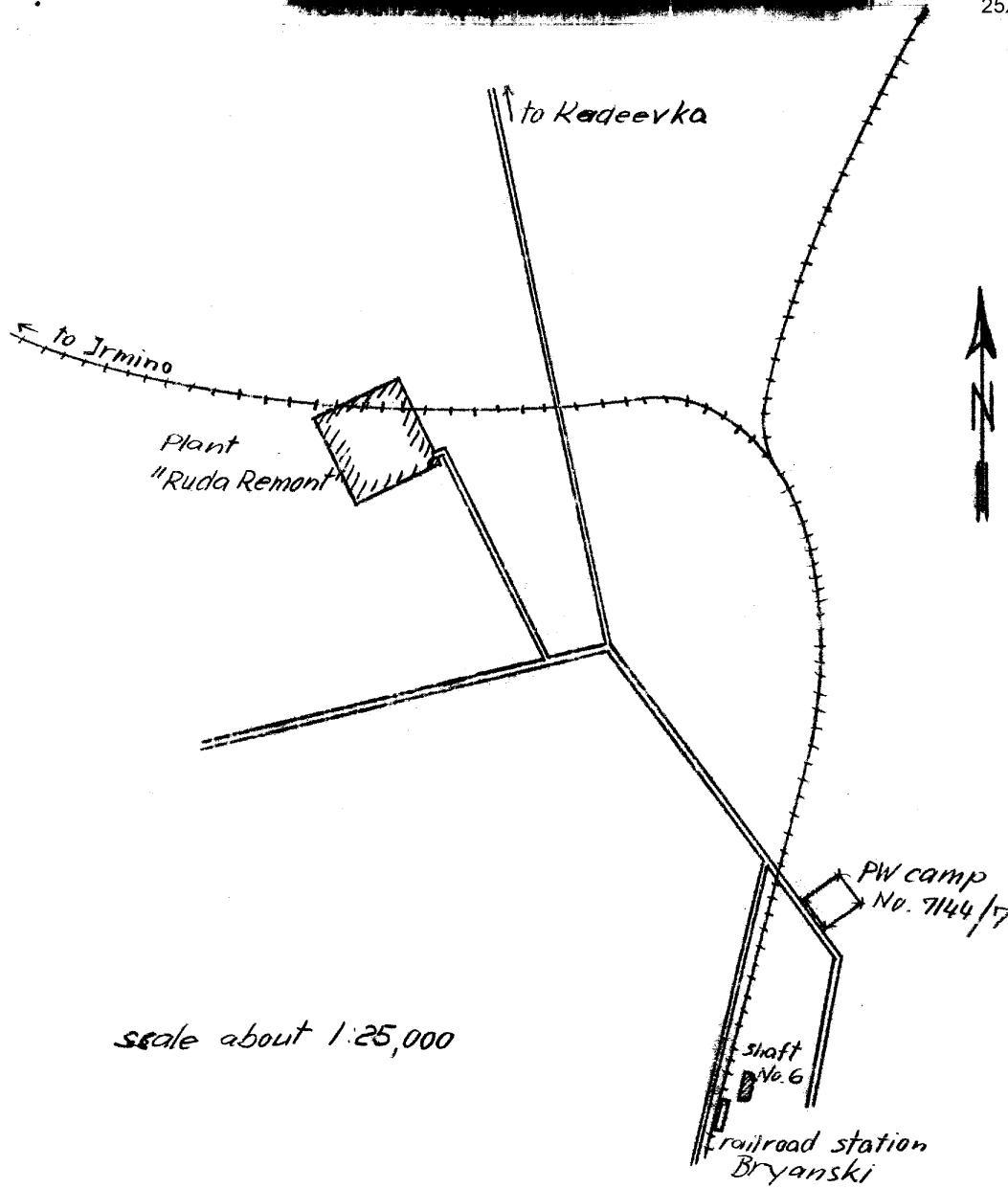
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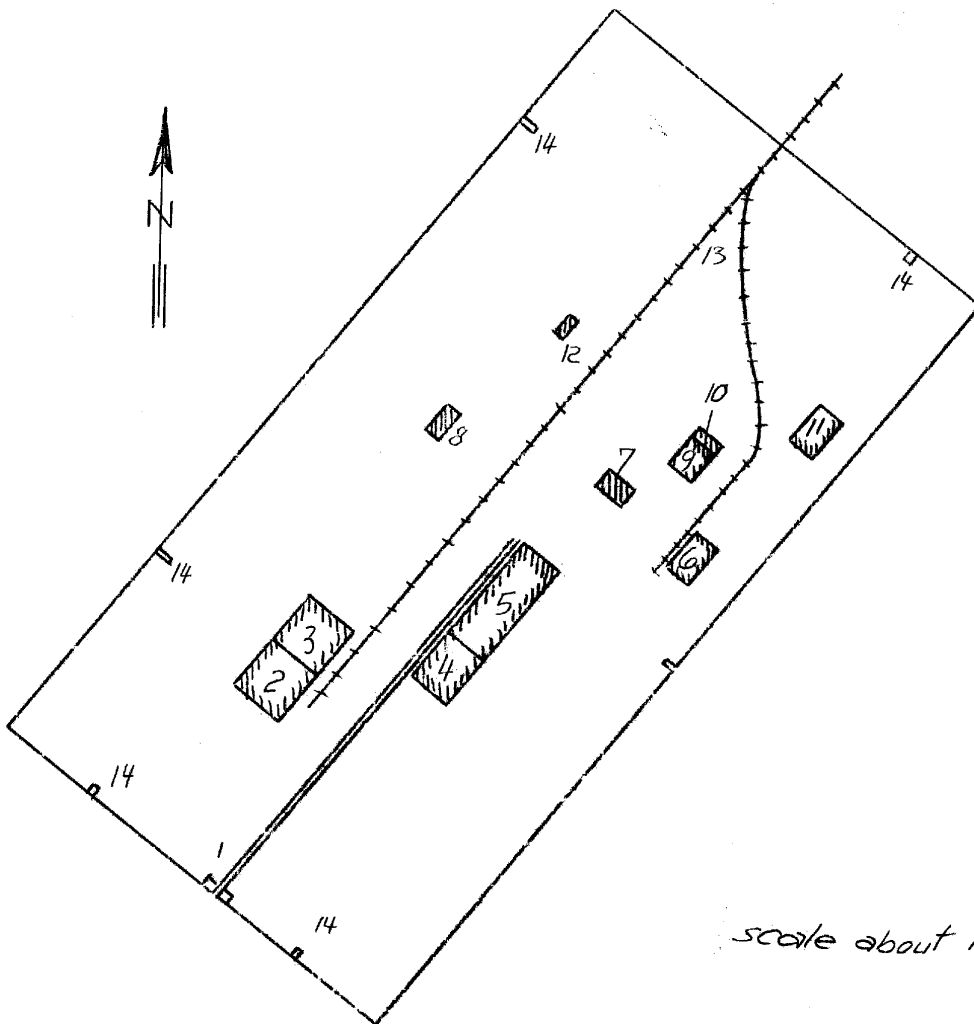
Annex 2 to (Air)

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Factory

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Legend:

- 1 Plant entrance
- 2 Electric workshop, repair of mining motors
- 3 Construction department
- 4 Tool shop
- 5 Mechanical department
- 6 Storage building
- 7 Forge
- 8 New building, not equipped
- 9 Foundry
- 10 Model-making carpenter shop
- 11 Carpenter shop with 3 band saws
- 12 Boiler house
- 13 Railroad connection
- 14 Watch towers

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